## JC20 Rec'd PCT/PTO 1 6 SEP 2005

S80668522.ST25.txt SEQUENCE LISTING

| <110>                            | Children's Cancer Institute Australia for Medical Research |            |            |            |            |      |
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| ttagtacgtg | tggcttggtc | acttcgtggc | taaggtaaga  | acgtgcttgt | ggaagacaag | 1440 |
| tctgtggctt | ggtgagtctg | tgtggccagc | agcctctgat  | ctgtgcaggg | tattaacgtg | 1500 |
| tcagggctga | gtgttctggg | atttctctag | aggctggcaa  | gaaccagttg | ttttgtcttg | 1560 |
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| tctttggcca | gaacaccgtg | ggctgttact | tgctttgagt  | tggaagcggt | ttgcatttac | 1680 |
| gcctgtaaat | gtattcattc | ttaatttatg | taaggttttt  | tttgtacgca | attctcgatt | 1740 |
| ctttgaagag | atgacaacaa | attttggttt | tctactgtta  | tgtgagaaca | ttaggcccca | 1800 |

1845

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Cys Lys Ala Gly Phe Ala Gly Asp Asp Ala Pro Arg Ala Val Phe Pro 20 25 30

Ser Ile Val Gly Arg Pro Arg His Gln Gly Val Met Val Gly Met Gly 35 40 45

Gln Lys Asp Ser Tyr Val Gly Asp Glu Ala Gln Ser Lys Arg Gly Ile  $50 \hspace{1cm} 55 \hspace{1cm} 60$ 

Leu Thr Leu Lys Tyr Pro Ile Glu His Gly Ile Val Thr Asn Trp Asp Page 5

<sup>&</sup>lt;210> 5 <211> 375 <212> PRT

<sup>&</sup>lt;213> Homo sapiens

65

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S80668522.ST25.txt Ala Pro Ser Thr Met Lys Ile Lys Ile Ile Ala Pro Pro Glu Arg Lys 325 330 335

Tyr Ser Val Trp Ile Gly Gly Ser Ile Leu Ala Ser Leu Ser Thr Phe  $340 \hspace{1.5cm} 345 \hspace{1.5cm} 350$ 

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PRT Homo sapiens

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Ser Ile Val Gly Arg Pro Arg His Gln Gly Val Met Val Gly Met Gly 35 40 45

Gln Lys Asp Ser Tyr Val Gly Asp Glu Ala Gln Ser Lys Arg Gly Ile 50 60

Leu Thr Leu Lys Tyr Pro Ile Glu His Gly Ile Val Thr Asn Trp Asp 65 70 75 80

Asp Met Glu Lys Ile Trp His His Thr Phe Tyr Asn Glu Leu Arg Val 85 90 95

Ala Pro Glu Glu His Pro Leu Leu Leu Thr Glu Ala Pro Leu Asn Pro

Lys Ala Asn Arg Glu Lys Met Thr Gln Ile Met Phe Glu Thr Phe Asn 115 120 125

Thr Pro Ala Met Tyr Val Ala Ile Gln Ala Val Leu Ser Leu Tyr Ala

Ser Gly Arg Thr Thr Gly Ile Val Met Asp Ser Gly Asp Gly Val Thr 145 150 155 160

\$80668522.ST25.txt His Thr Val Pro Ile Tyr Glu Gly Tyr Ala Leu Pro His Ala Ile Leu 165 170 175 Arg Leu Asp Leu Ala Gly Arg Asp Leu Thr Asp Tyr Leu Met Lys Ile Leu Thr Glu Arg Gly Tyr Ser Phe Thr Thr Ala Glu Arg Glu Ile 195 200 205 Val Arg Asp Ile Lys Glu Lys Leu Cys Tyr Val Ala Leu Asp Phe Glu 210 215 220 Gln Glu Met Ala Thr Ala Ala Ser Ser Ser Leu Glu Lys Ser Tyr 225 230 235 240 Glu Leu Pro Asp Gly Gln Val Ile Thr Ile Gly Asn Glu Arg Phe Arg 245 250 255 Cys Pro Glu Ala Leu Phe Gln Pro Ser Phe Leu Gly Met Glu Ser Cys 260 265 270 Gly Ile His Glu Thr Thr Phe Asn Ser Ile Met Lys Cys Asp Val Asp 275 280 285 Ile Arg Lys Asp Leu Tyr Ala Asn Thr Val Leu Ser Gly Gly Thr Thr 290 295 300 Met Tyr Pro Gly Ile Ala Asp Arg Met Gln Lys Glu Ile Thr Ala Leu 305 310 315 320Ala Pro Ser Thr Met Lys Ile Lys Ile Ile Ala Pro Pro Glu Arg Lys 325 330 335 Gln Gln Met Trp Ile Ser Lys Gln Glu Tyr Asp Glu Ser Gly Pro Ser Ile Val His Arg Lys Cys Phe 370 375

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## \$80668522.ST25.txt

Cys Pro Glu Ala Leu Phe Gln Pro Ser Phe Leu Gly Met Glu Ser Cys 260 265 270

Gly Ile His Glu Thr Thr Phe Asn Ser Ile Met Lys Cys Asp Val Asp 275 280 285

Ile Arg Lys Asp Leu Tyr Ala Asn Thr Val Leu Ser Gly Gly Thr Thr 290 295 300

Met Tyr Pro Gly Ile Ala Asp Arg Met Gln Lys Glu Ile Thr Ala Leu 305 310 315 320

Ala Pro Ser Thr Met Lys Ile Lys Ile Ile Ala Pro Pro Glu Arg Lys 325 330 335

Tyr Ser Val Trp Ile Gly Gly Ser Ile Leu Ala Ser Leu Ser Thr Phe 340 345 350

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Cys Lys Ala Gly Phe Ala Gly Asp Asp Ala Pro Arg Ala Val Phe Pro 20 25 30

Ser Ile Val Gly Arg Pro Arg His Gln Gly Val Met Val Gly Met Gly 35 40 45

Gln Lys Asp Ser Tyr Val Gly Asp Glu Ala Gln Ser Lys Arg Gly Ile  $50 \hspace{1cm} 55 \hspace{1cm} 60$ 

Leu Thr Leu Lys Tyr Pro Ile Glu His Gly Ile Val Thr Asn Trp Asp 65 70 75 80

Asp Met Glu Lys Ile Trp His His Thr Phe Tyr Asn Glu Leu Arg Val 85 90 95

## S80668522.ST25.txt

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## S80668522.ST25.txt

Gln Gln Met Trp Ile Ser Lys Gln Glu Tyr Asp Glu Ser Gly Pro Ser 355 360 365

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Pro Leu